

### ABSTRACT OF THE DISCLOSURE

A compressed gas powered gun provides recoil simulating the recoil of a gun firing gunpowder propelled projectiles. The valve assembly provides both consistent shot to shot pressure, and rearward gas pressure for generating recoil. Preferred  
5   embodiments of the compressed gas powered gun may include means for adjusting the amount of recoil provided. A trigger mechanism permitting semi-automatic operation, or full automatic operation at a user selectable cyclic rate, is provided. The air gun provides consistent gas pressure behind the projectile from shot to shot. A magazine and magazine indexing system for loading projectiles into the firing  
10   chamber in a manner contributing to the accuracy of the air gun is also provided.